

intestine is 0.1 to 20 g/l, preferably 0.5 to 10 g/l and preferentially 1 to 6 g/l.

4. (amended) Use according to claim 1, wherein the nutritional composition is in the form of a complete food.

5. (amended) Use according to claim 1, wherein the nutritional composition is in the form of a food supplement.

6. (amended) Use according to claim 1 to reduce transport of high molecular weight substances, allergens and microorganisms through the tight junctions in the intestines.

7. (amended) Use according to claim 1, to prevent or to treat allergy, allergic reactions, sepsis and inflammatory processes, such as can arise under emotional and physical stress, ischaemia, reperfusion damage during and after operations, after radiation treatment and/or chemotherapy of cancer patients and in the case of inflammatory diseases of the intestine, diarrhoea and allergies.

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